

## 2019 AWWA Water Audit Level 1 Validation – Review Document

### Audit Information:

Utility: Livermore      PWS ID: 0110011  
System Type: Potable      Audit Period: Calendar 2019  
Utility Representation: Dave Lennier  
Validation Date: 8/20/2020      Call Time: 8:30am      Sufficient Supporting Documents Provided: Yes

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

Data Validity Score: 77    Data Validity Band (Level): Band IV (71-90)  
ILI: 2.91      Real Loss: 45.24 (gal/conn/day)      Apparent Loss: 7.81 (gal/conn/day)  
Non-revenue water as percent of cost of operating system: 5.9%

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

### Validator Information:

Water Audit Validator: Tony N. Wagoner, P.E.    Validator Qualifications: Contractor for California Water Loss TAP

Validator Provided

## 2019 AWWA Water Audit Level 1 Validation

Water System Name:

Water System ID Number:

Water Audit Period:

### Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

<<Information to be completed by Utility>>

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Executive Name (Print)

Executive Position

Signature

Date

*Alle Lennier*

*Water Distribution Manager*

*[Signature]*

*9-1-20*